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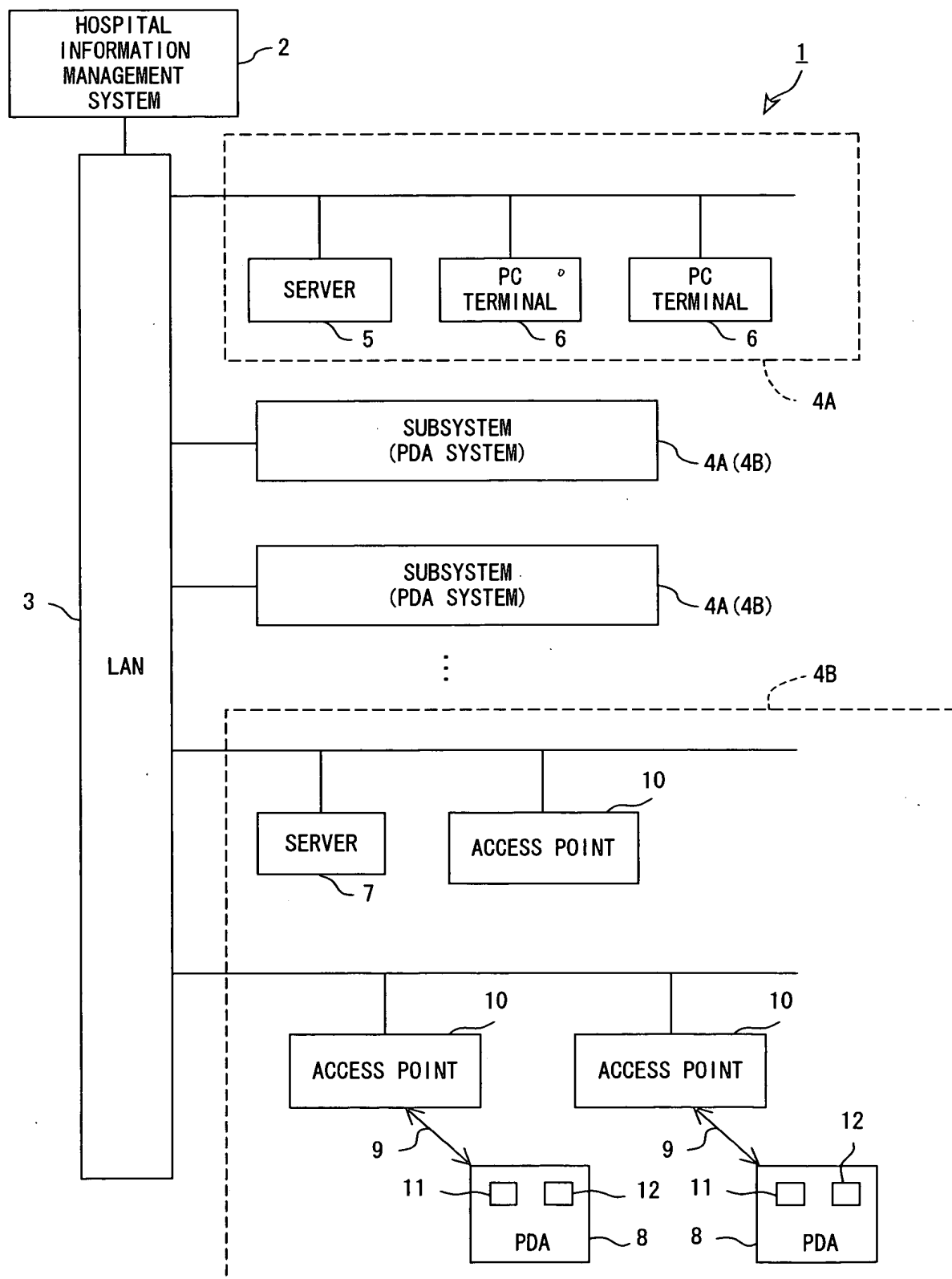


FIG. 1

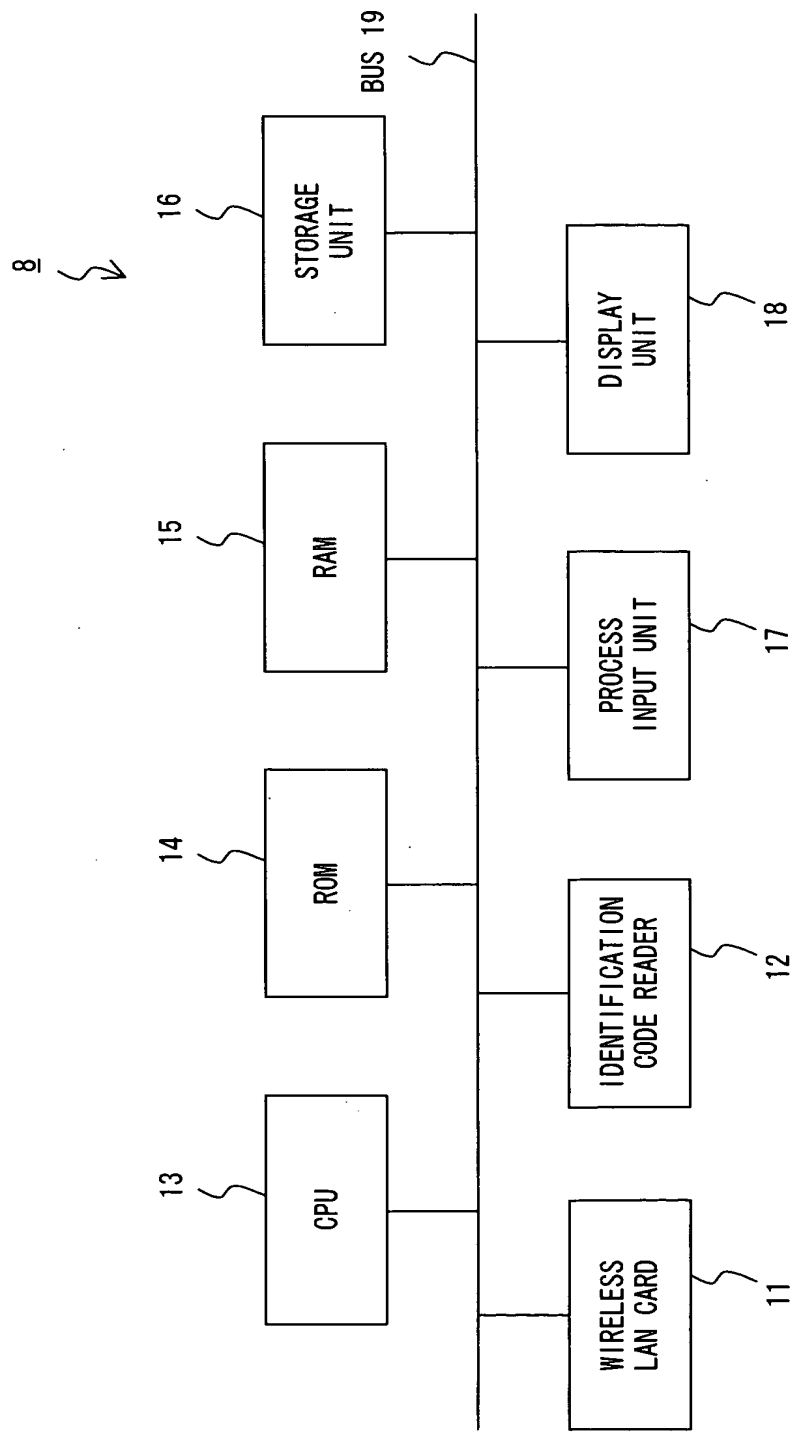


FIG. 2

(GENERIC ITEM)	INJECTION	NURSING	PROCESS	EXAMINATIONS AND MEASUREMENT
ORDER ENTRY	←	←	←	←
RECEPTION OF INSTRUCTION	←	←	←	←
PREPARATION	DELIVERY	—	PREPARATION OF ATRICLES	OUTPUT OF LABEL
	MIXING	—	—	—
START OF EXECUTION	START OF INJECTION	—	—	—
END OF EXECUTION	END OF INJECTION	END OF EXECUTION	—	COMPLETION OF SAMPLING
CANCELLATION	DISCARD	—	DISCARD	CANCELLATION OF SAMPLING
STOP	STOP	STOP	STOP	STOP

FIG. 3

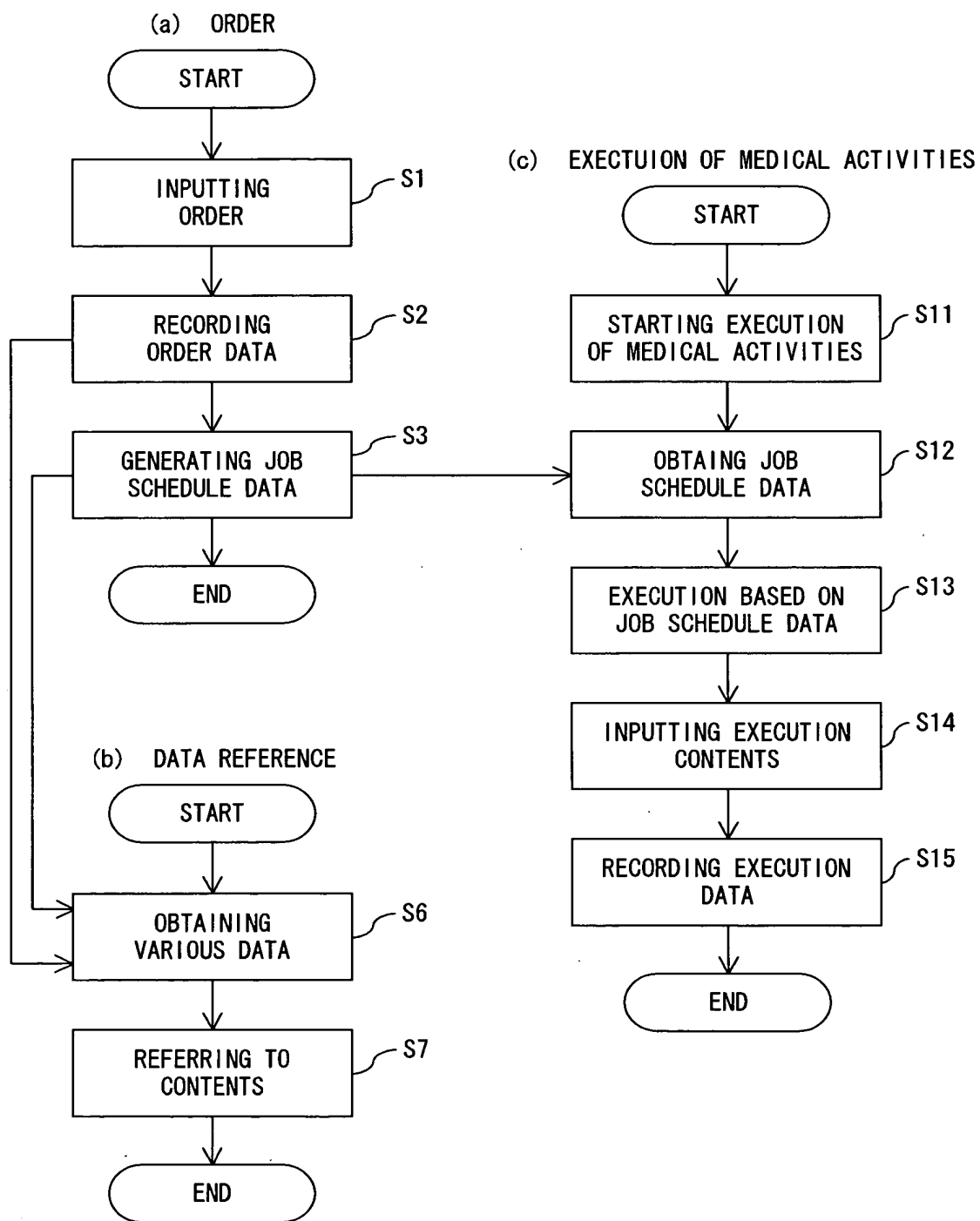


FIG. 4

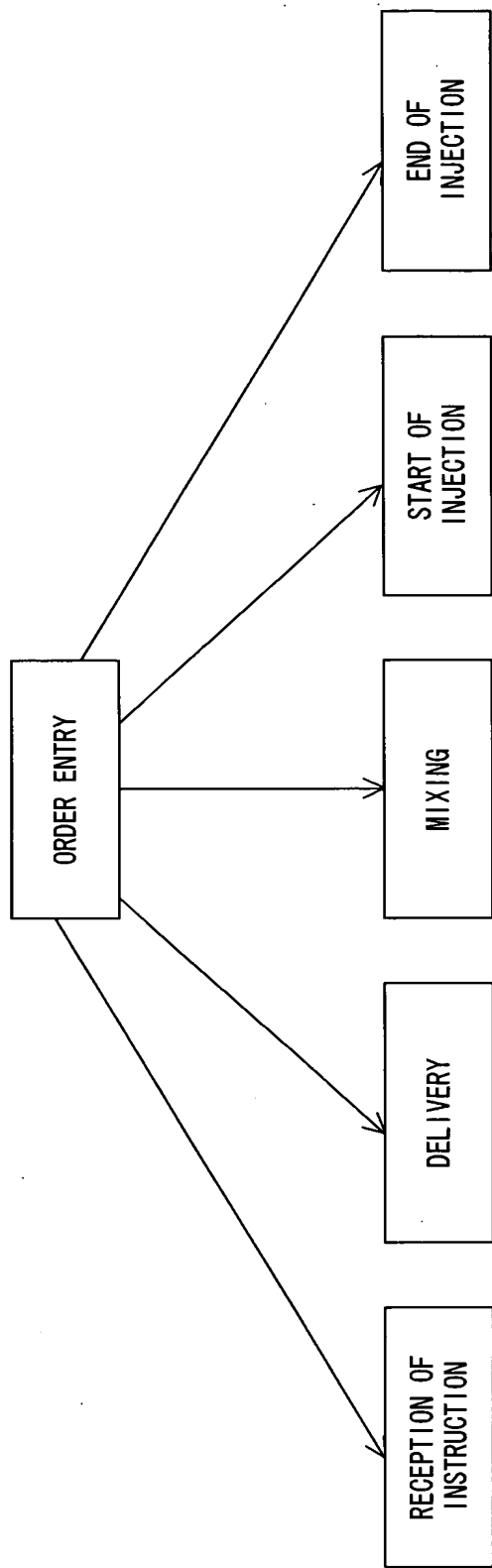


FIG. 5

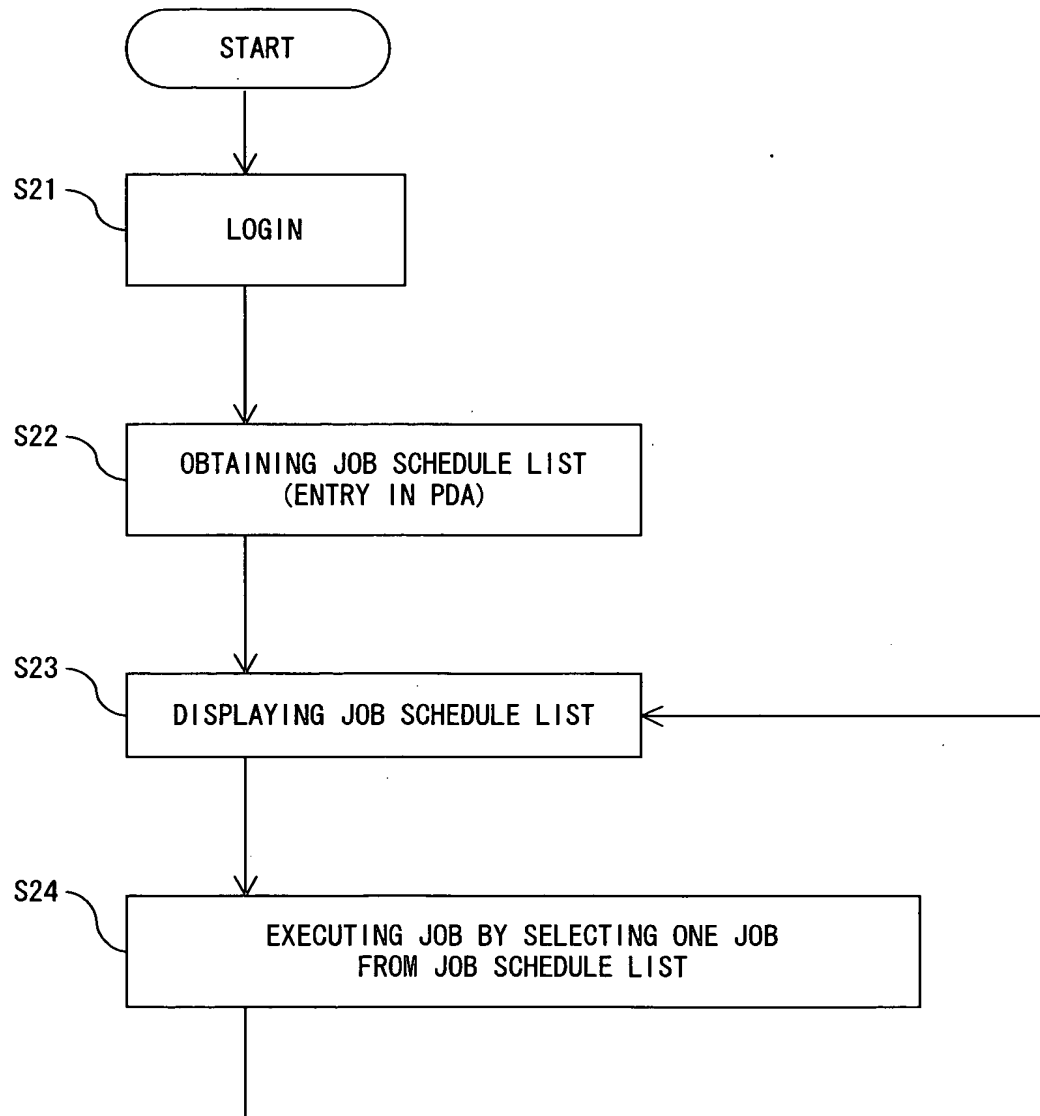


FIG. 6

G1

BATTERY: 100%

EXECUTOR ID

PASSWORD

LOWERCASE ALPHANUMERIC    UPPERCASE ALPHANUMERIC    NUMRIC    SYMBOL 1    SYMBOL 2

a	b	c	d	e	f
g	h	i	j	k	l
m	n	o	p	q	r
s	t	u	v	w	x
y	z	BACKSPACE		DELETE	

20

CANCEL

LOGIN

30

21

FIG. 7



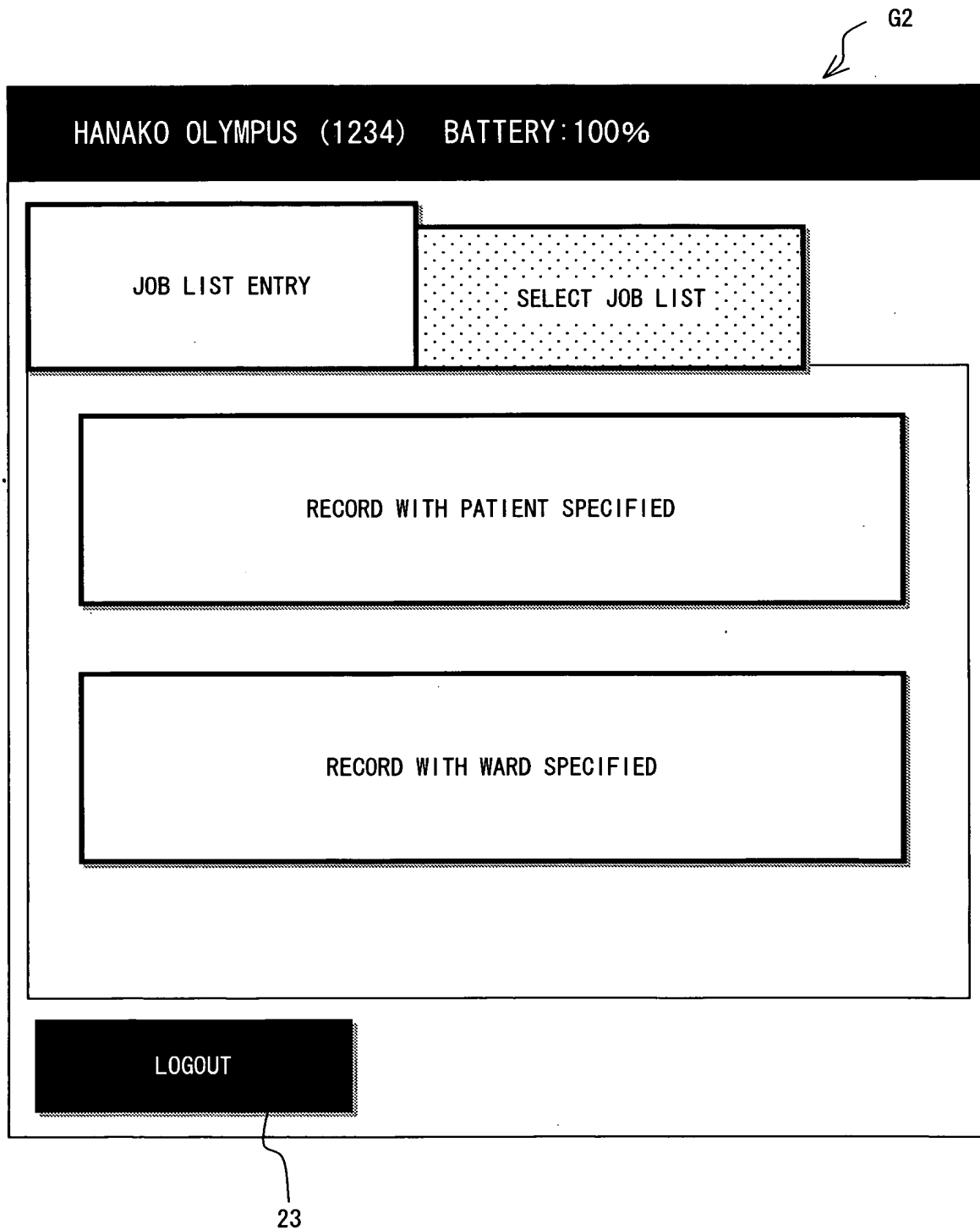


FIG. 8

G3  
↙

HANAKO OLYMPUS (1234) BATTERY:100%

(1) WORKING  
HOURS DAYTIME

DAYTIME HOURS (08:30~16:59)

(2) PATIENT ID

(INPUT IDENTIFICATION CODE)

DELETE FROM LIST

TO PREVIOUS PAGE

TO NEXT PAGE

11111111	05/05	08:30~16:59
22222222	05/05	08:30~16:59
33333333	05/05	08:30~16:59

CANCEL

DETERMINE

25

22

24

FIG. 9

G4

HANAKO OLYMPUS (1234) BATTERY:100%

(1) WORKING  
HOURS DAYTIME

DAYTIME HOURS (08:30~16:59)

(2) WARD

5F NORTH WARD

TO PREVIOUS PAGE

TO NEXT PAGE

7F NORTH WARD

7F SOUTH WARD

6F NORTH WARD

6F SOUTH WARD

5F NORTH WARD

CANCEL

DETERMINE

25

24

FIG. 10

G5

HANAKO OLYMPUS (1234)

(1) WORKING  
HOURS DAYTIME

DAYTIME HOURS (08:30~16:59)

(2)

(INPUT BAR CODE)

SELECT WORKING HOURS

☐ MIDNIGHT HOURS (00:00~08:29)

☒ DAYTIME HOURS (08:30~16:59)

☐ NIGHTTIME HOURS (17:00~23:59)

CANCEL

DETERMINE

CANCEL

DETERMINE

FIG. 11

G6

HANAKO OLYMPUS (1234) BATTERY:100%

RECORD JOB LIST	SELECT JOB LIST
-----------------	-----------------

TODAY' S JOB LIST 27a

JOB LIST FOR EACH PATIENT 27b

JOB LIST FOR EACH ITEM 27c

LOGOUT

F I G. 1 2

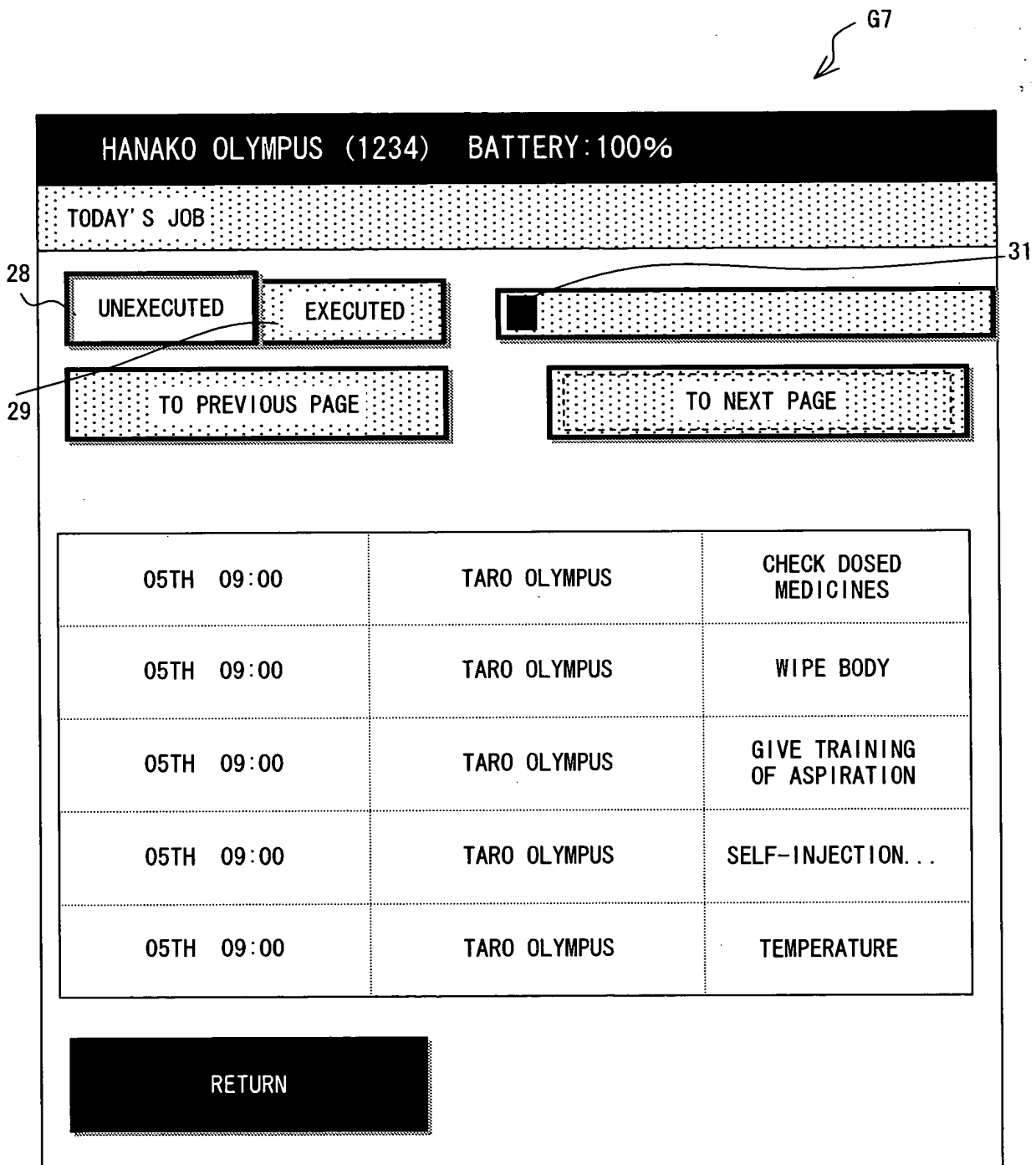
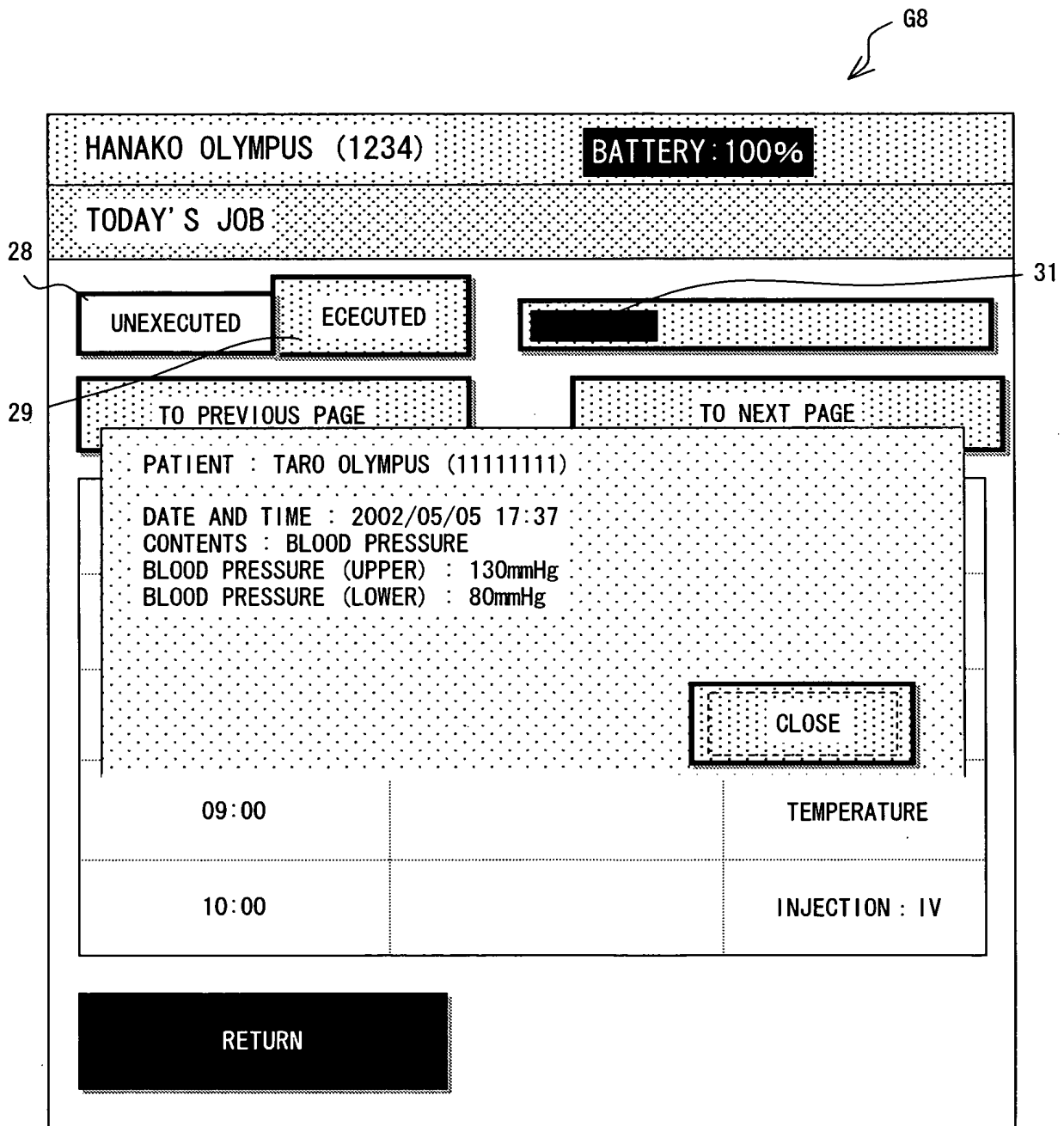


FIG. 13



**FIG. 14**

(TAG) STRUCTURE	CONTENTS OF JOB SCHEDULE DATA	CONTENTS OF EXECUTION DATA	CONTENTS OF DISCARDED DATA
<PATIENT INFORMATION> <ORDER TYPE> <DIAGNOSING> <REQUESTED DOCTOR> <DOCTOR IN CHARGE> <JOB SCHEDULE DATA> <PROGRESS> <JOB ID> <ORDER ID> <SCHEDULED EXECUTION DATE> <EXECUTION DATA> <KEY INFORMATION> <DIVISION OF EXECUTION> <EXECUTION SITE> <EXECUTOR> <EXECUTION DATE AND TIME> <EXECUTION CONTENTS> <EXECUTION TYPE> <INSTRUCTION CONTENTS> <OBJECT> <REASON FOR EXECUTION>	ID:22222222 JIRO OLYMPUS INJECTION ORDER ○○○ ~Dr. ~Dr. — SCHEDULE 83924927998 29237629279 2002/06/05 10:00 — RP-ID=023804734737931731 SURGERY 5F NORTH WARD START OF INJECTION INJECTION: IV ROOT: PERIPHERAL VEIN SPEED: ○○ml/h ...MEDICINE ○ml ...SOLUTION □ml	ID:22222222 JIRO OLYMPUS INJECTION ORDER ○○○ ~Dr. ~Dr. — EXECUTED 83924927998 29237629279 2002/06/05 10:00 — RP-ID=023804734737931731 SURGERY 5F NORTH WARD ~Ns 2002/06/05 10:04 DISCARD INJECTION: IV ROOT: PERIPHERAL VEIN SPEED: ○○ml/h DOSE: 100% ...MEDICINE ○ml ...SOLUTION □ml	ID:22222222 JIRO OLYMPUS INJECTION ORDER ○○○ ~Dr. ~Dr. — EXECUTED 83924927998 29237629279 2002/06/05 10:00 — RP-ID=023804734737931731 SURGERY 5F NORTH WARD ~Ns 2002/06/05 10:04 DISCARD INJECTION: IV ROOT: PERIPHERAL VEIN SPEED: ○○ml/h ...MEDICINE ○ml ...SOLUTION □ml

FIG. 15



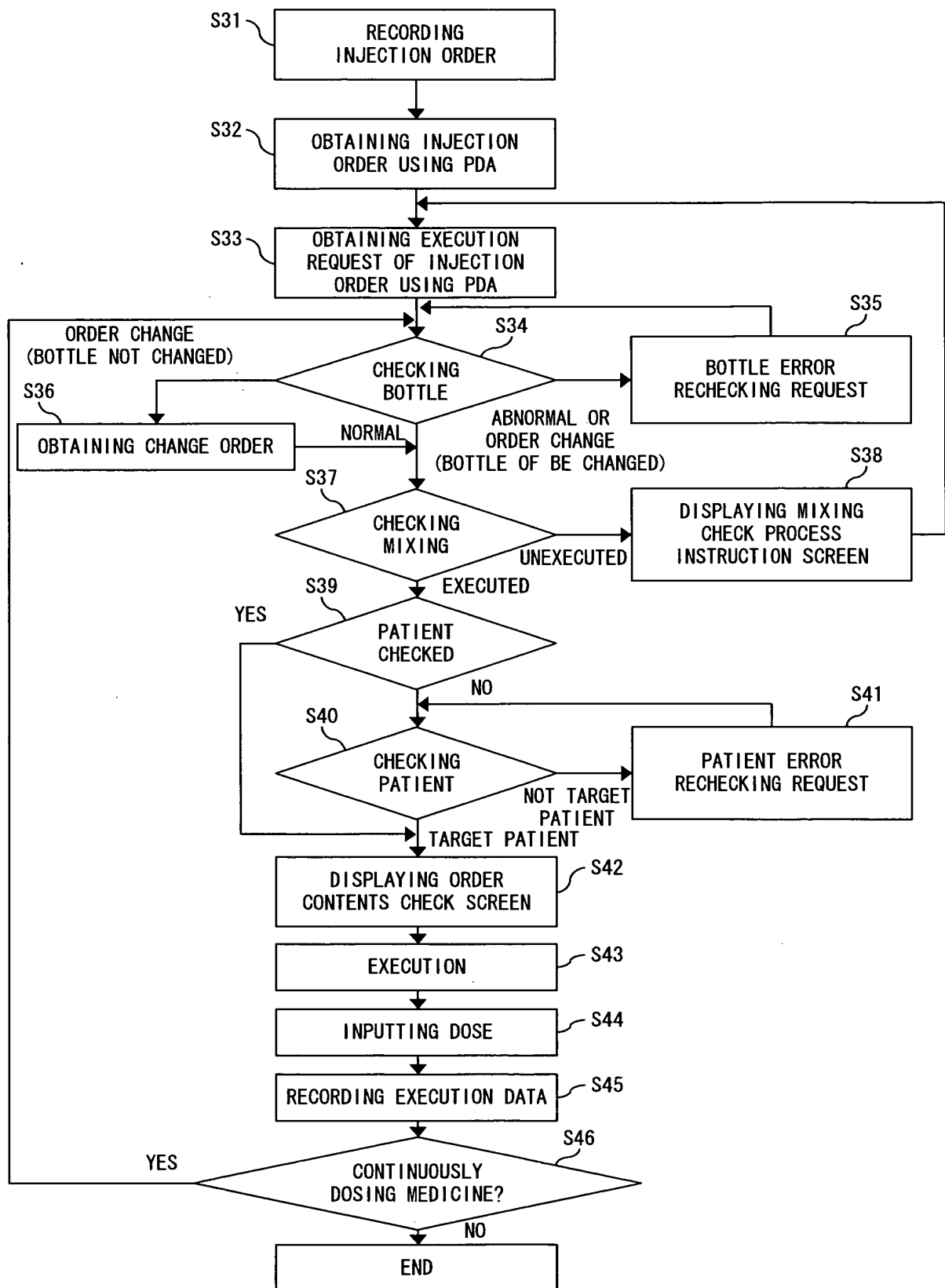


FIG. 16

G9

HANAKO OLYMPUS (1234) BATTERY:100%

INJECTION

CHANGE OF ITEM

UNEXECUTED

EXECUTED

TO PREVIOUS PAGE

TO NEXT PAGE

05TH 10:00	JIRO OLYMPUS	INJECTION : IV
05TH 14:00	JIRO OLYMPUS	START : DIV
(05TH 14:00)	JIRO OLYMPUS	END : DIV

RETURN

FIG. 17

G10

HANAKO OLYMPUS (1234) BATTERY:100%

JIRO OLYMPUS  
2002/05/05 10:00 IV

INPUT IDENTIFICATION CODE OF BATTLE LABEL.

MEDICINE USED

TO PREVIOUS PAGE

TO NEXT PAGE

MEDICINE 001	10 BAGS
MEDICINE 002	1 BAG
MEDICINE 003	2 BAGS

CANCEL

BREAK INPUTTING JOB

FIG. 18


MEDICINE ID	ORDER ID	ORDER CHECK EXCLUSIVE DIGIT
1111	1234	0

**F I G. 1 9**

G11

HANAKO OLYMPUS (1234)	
JIRO OLYMPUS	
2002/05/05 10:00	

PDA NURSING SUPPORT SYSTEM	
 <p>A READ BOTTLE LABEL IS NOT APPLIED TO THE BOTTLE FOR THE INJECTION TO BE EXECUTED.</p>	
<div>OK</div>	

MEDICINE	
MEDICINE	
MEDICINE 003	2 BAGS

CANCEL	BREAK INPUTTING JOB
--------	---------------------

FIG. 20

G12

HANA KO OLYMPUS (1234) BATTERY:100%

SELECT PATIENT

INPUT IDENTIFICATION CODE OF  
WRISTBAND OF PATIENT.

CANCEL

F I G. 2 1

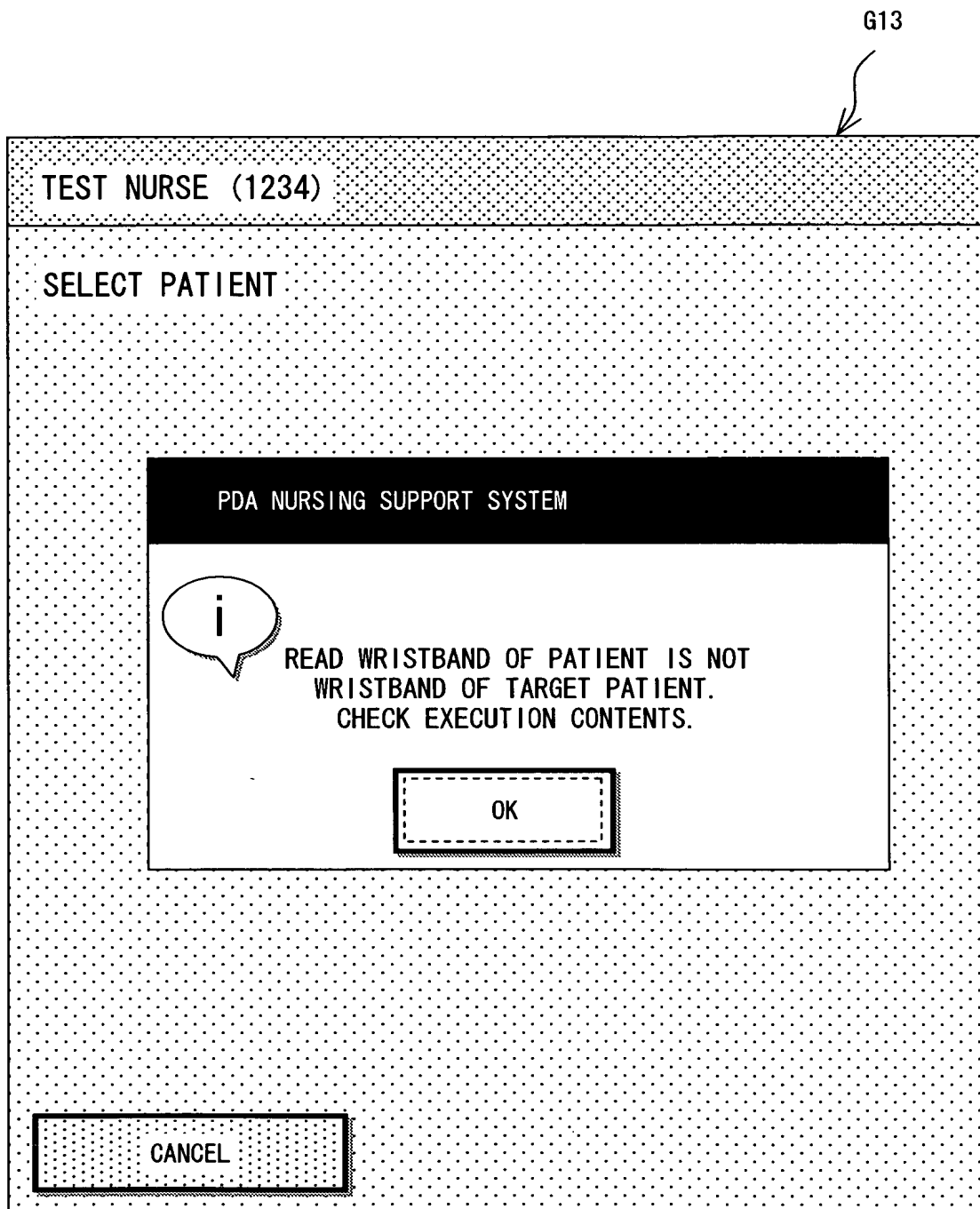


FIG. 22

G14

TEST NURSE (1234) BATTERY:80%

EXECUTION OF INJECTION

JIRO OLYMPUS  
ID : 11111111 28 YEARS 9 MONTHS  
SCHEDULED DATE AND TIME : 2002/04/16 10:00  
TYPE : DOSING METHOD 1  
CONTENTS : START OF INSTILLATION  
ROOT : ROOT 1  
SPEED : 500mmL/H

MEDICINE USED TO PREVIOUS PAGE TO NEXT PAGE

MEDICINE 001	10 PILLS
MEDICINE 002	1 BAG
MEDICINE 003	2 BAGS

◀ ▶ ◀ ▶

CANCEL EXECUTE

FIG. 23



G15

HANAKO OLYMPUS (1234) BATTERY:100%

JIRO OLYMPUS

DOSE OF ONE-SHOT INJECTION

100

%

7	8	9	BS
4	5	6	
1	2	3	C
0	00	.	

CANCEL

DETERMINE

FIG. 24

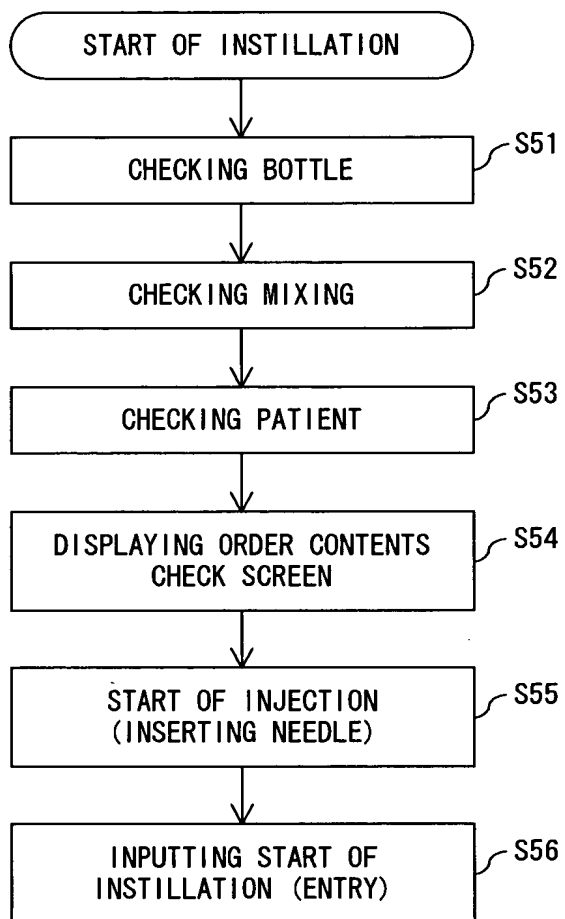


FIG. 25A

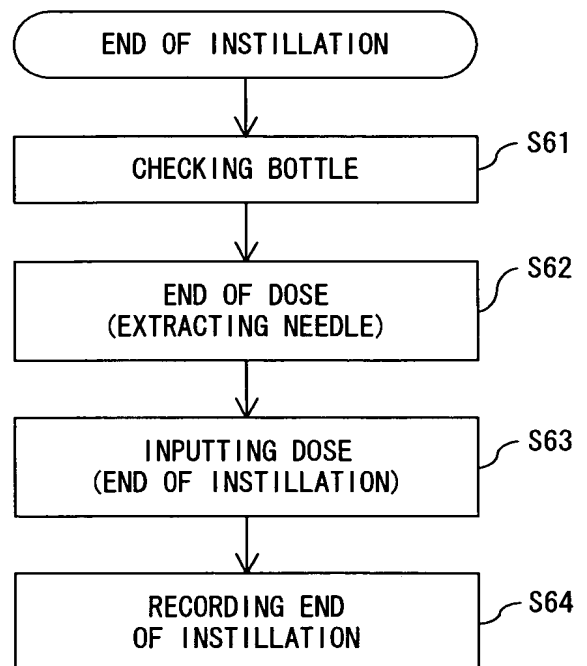


FIG. 25B

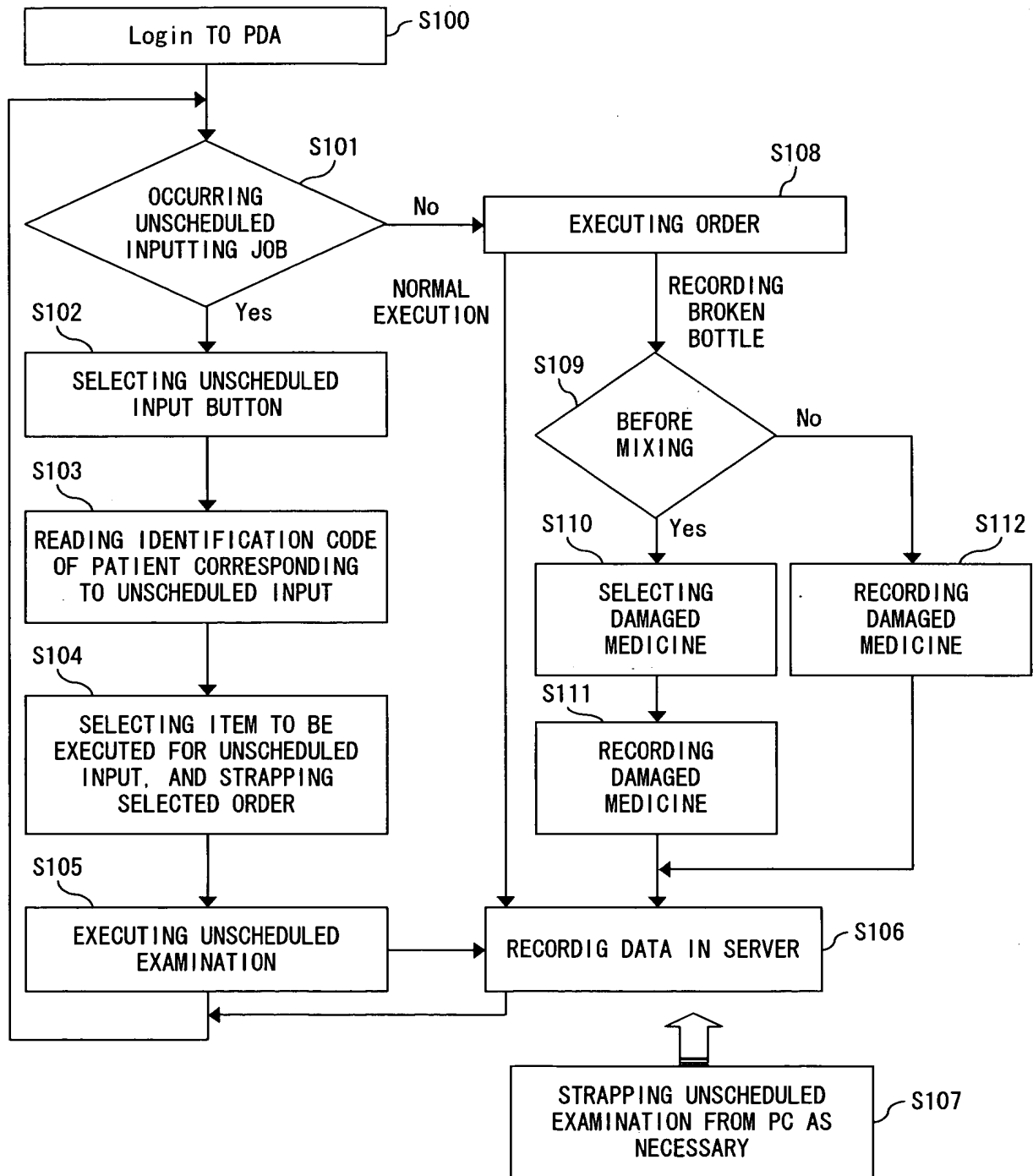


FIG. 26

G16

TEST NURSE (1234)     BATTERY: 80%

TODAY' S JOB

UNEXECUTED

EXECUTED

UPDATE

TO PREVIOUS PAGE

TO NEXT PAGE

16TH 08:00	TEST PATIENT 1	TEMPERATURE
16TH 08:00	TEST PATIENT 1	BLOOD PRESSURE
16TH 10:00	TEST PATIENT 2	<div style="border: 1px solid black; padding: 2px; text-align: left;">INJECTION</div>
16TH 10:00	TEST PATIENT 2	START OF INSTILLATION
(16TH 10:00)	TEST PATIENT 2	END OF INSTILLATION

RETURN

UNSCHEDULED

32

33

F I G . 2 7

G17

TEST NURSE (1234)

UNSCHEDULED INPUT

NURSING  
(UNSCHEDULED EXAMINATION)

34

CANCEL

G18

TEST NURSE (1234)

SELECT PATIENT

INPUT IDENTIFICATION CODE OF  
WRISTBAND OF PATIENT.

CANCEL

FIG. 28A

FIG. 28B

G19

**TEST NURSE (1234)**

ID : 95005635  
UNSCHEDULED INPUT NURSING  
(UNSCHEDULED EXAMINATION)

OBSERVATION AND MEASUREMENT

SELECT MEASUREMENT ITEM

TO PREVIOUS PAGE      TO NEXT PAGE

TEMPERATURE

PULSE

ASPIRATION

BLOOD PRESSURE

◀      ▶

CANCEL      DETERMINE

22

FIG. 29A

G20

**TEST NURSE (1234)**

ID : 95005635  
UNSCHEDULED INPUT NURSING  
(UNSCHEDULED EXAMINATION)

OBSERVATION AND MEASUREMENT

SELECT MEASUREMENT ITEM

TO PREVIOUS PAGE      TO NEXT PAGE

TEMPERATURE

PULSE

ASPIRATION

BLOOD PRESSURE

◀      ▶

CANCEL      DETERMINE

22

24

FIG. 29B

G21

NAME A

ID : 95005635  
UNSCHEDULED INPUT NURSING (UNSHEDULED EXAMINATION)

OBSERVATION AND MEASUREMENT

SELECT MEASUREMENT ITEM

TO PREVIOUS PAGE

TO NEXT PAGE

SUDDEN CHANGE OF CONDITION OF PATIENT

INSTRUCTION OF DOCTOR

INSTRUCTION OF CHIEF NURSE

REQUEST OF PATIENT

◀

▶

CANCEL

DETERMINE

24

FIG. 30

G24a

**NAME A**  
ID : 95005635  
UNSCHEDULED INPUT  
UNSCHEDULED EXAMINATION

BLOOD PRESSURE (UPPER)

**NAME A**  
ID : 95005635  
UNSCHEDULED INPUT  
UNSCHEDULED EXAMINATION

BLOOD PRESSURE (LOWER)

75 mmHg

7 8 9 BS  
4 5 6  
1 2 3 C  
0 00 .

CANCEL DETERMINE

G23

**NAME A**  
ID : 95005635  
UNSCHEDULED INPUT  
UNSCHEDULED EXAMINATION

PULSE

55 TIMES/MIN

7 8 9 BS  
4 5 6  
1 2 3 C  
0 00 .

CANCEL DETERMINE

G22

**NAME A**  
ID : 95005635  
UNSCHEDULED INPUT  
UNSCHEDULED EXAMINATION

TEMPERATURE

36.5 DEGREES

7 8 9 BS  
4 5 6  
1 2 3 C  
0 00 .

CANCEL DETERMINE

FIG. 31C

FIG. 31B

FIG. 31A



**F I G. 3 2 A**

	1ST	2ND	3RD
MORNING	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION
AFTERNOON	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION
EVENING	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION

**F I G. 3 2 B**

	1ST		2ND	3RD
MORNING	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	UNSCHED- ULED EXAMINA- TION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION
AFTERNOON	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	ASPIRA- TION BLOOD PRESSURE	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION
EVENING	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION		(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION

**F I G. 3 2 C**

	1ST	2ND	3RD
MORNING	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION
AFTERNOON	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION
SUDDEN CHANGE OF CONDITION	(1) ASPIRATION (2) BLOOD PRESSURE		
EVENING	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION	(1) TEMPERATURE (2) PULSE (3) BLOOD PRESSURE (4) ASPIRATION

G25



TEST NURSE (1234)

TEST PATIENT 2

CHANGE OF PATIENT

UNEXECUTED

EXECUTED

TO PREVIOUS PAGE

TO NEXT PAGE

08:00	TEMPERATURE
08:00	BLOOD PRESSURE
10:00	INSTILLATION

RETURN

ORAL INSTRUCTION

FIG. 33

G26

TEST NURSE (1234)      BATTERY: 80%

TEST PATIENT 2  
 2002/04/16 10:00 DOSING METHOD 1

INPUT IDENTIFICATION CODE OF BOTTLE LABEL.

MEDICINE USED

TO PREVIOUS PAGE

TO NEXT PAGE

MEDICINE 001	10 PILLS
MEDICINE 002	1 BAG
MEDICINE 003	2 BAGS

◀

▶

◀

▶

CANCEL

BREAK INPUTTING JOB

38                      42

F I G. 3 4

G27

TEST NURSE (1234)      BATTERY:80%

TEST PATIENT 2  
 2002/04/16 10:00 DOSING METHOD 1

BREAK INPUTTING JOB IS PERFORMED!

INPUT IDENTIFICATION CODE OF BOTTLE LABEL.

MEDICINE USED

TO PREVIOUS PAGE

TO NEXT PAGE

MEDICINE 001	10 PILLS
MEDICINE 002	1 BAG
MEDICINE 003	2 BAGS

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▶

◀

▶

CANCEL

BOTTLE LABEL MANUAL INPUT

38                      41

36                      37

F I G . 3 5

G28

TEST NURSE (1234)      BATTERY: 80%

BREAK INPUTTING JOB

TEST PATIENT 2  
 ID : 22222222    29 YEARS AND 7 MONTHS  
 SCHEDULED DATE AND TIME : 2002/04/06    10:00  
 TYPE: IV  
 CONTENTS : INSTILLATION  
 ROOT : ROOT 1  
 SPEED : XXmL/H

MEDICINE USED	TO PREVIOUS PAGE	TO NEXT PAGE
MEDICINE 001		10 PILLS
MEDICINE 002		1 BAG
MEDICINE 003		2 BAGS
◀	▶	◀ ▶

CANCEL

DETERMINE

38                      42

36

37

F I G. 3 6

G29

BATTERY : 100%

INPUT BOTTLE LABEL

LOWERCASE  
ALPHANUMERIC

UPPERCASE  
ALPHANUMERIC

NUMERIC

SYMBOL 1

SYMBOL 2

1

2

3

4

5

6

7

8

9

0

BACK SPACE

DELETE

CANCEL

DETERMINE

42

FIG. 37

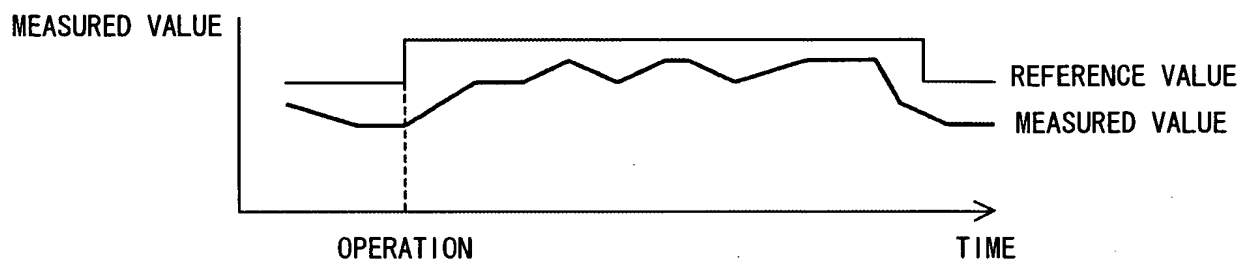


FIG. 38A

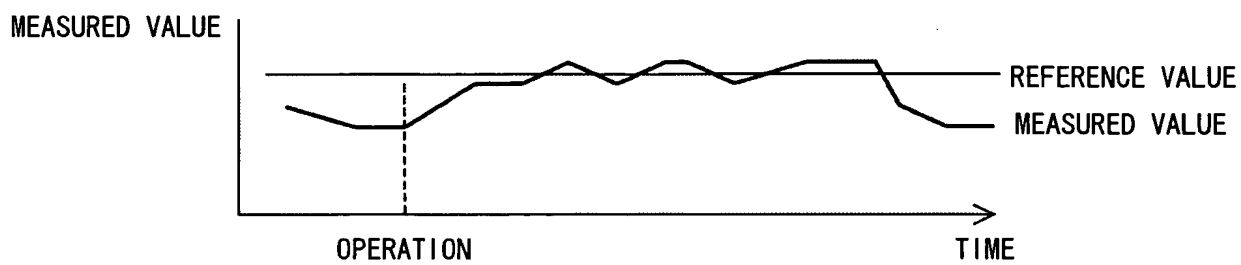


FIG. 38B

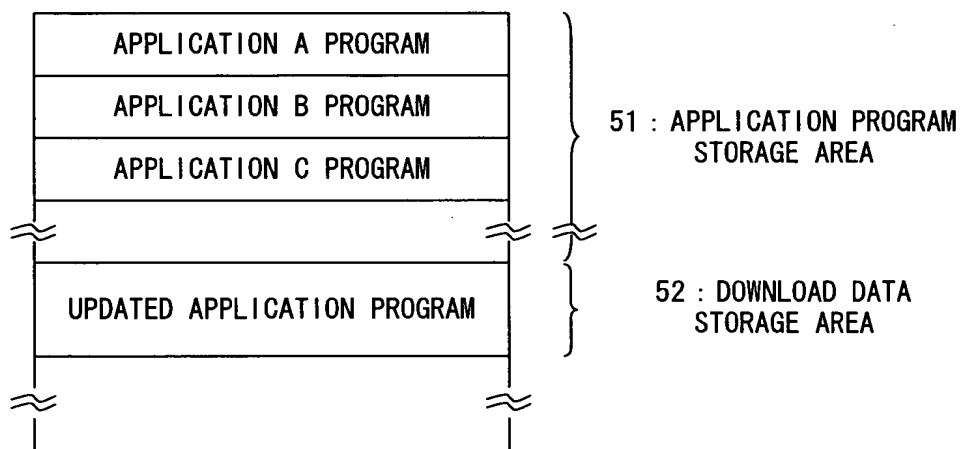


FIG. 39



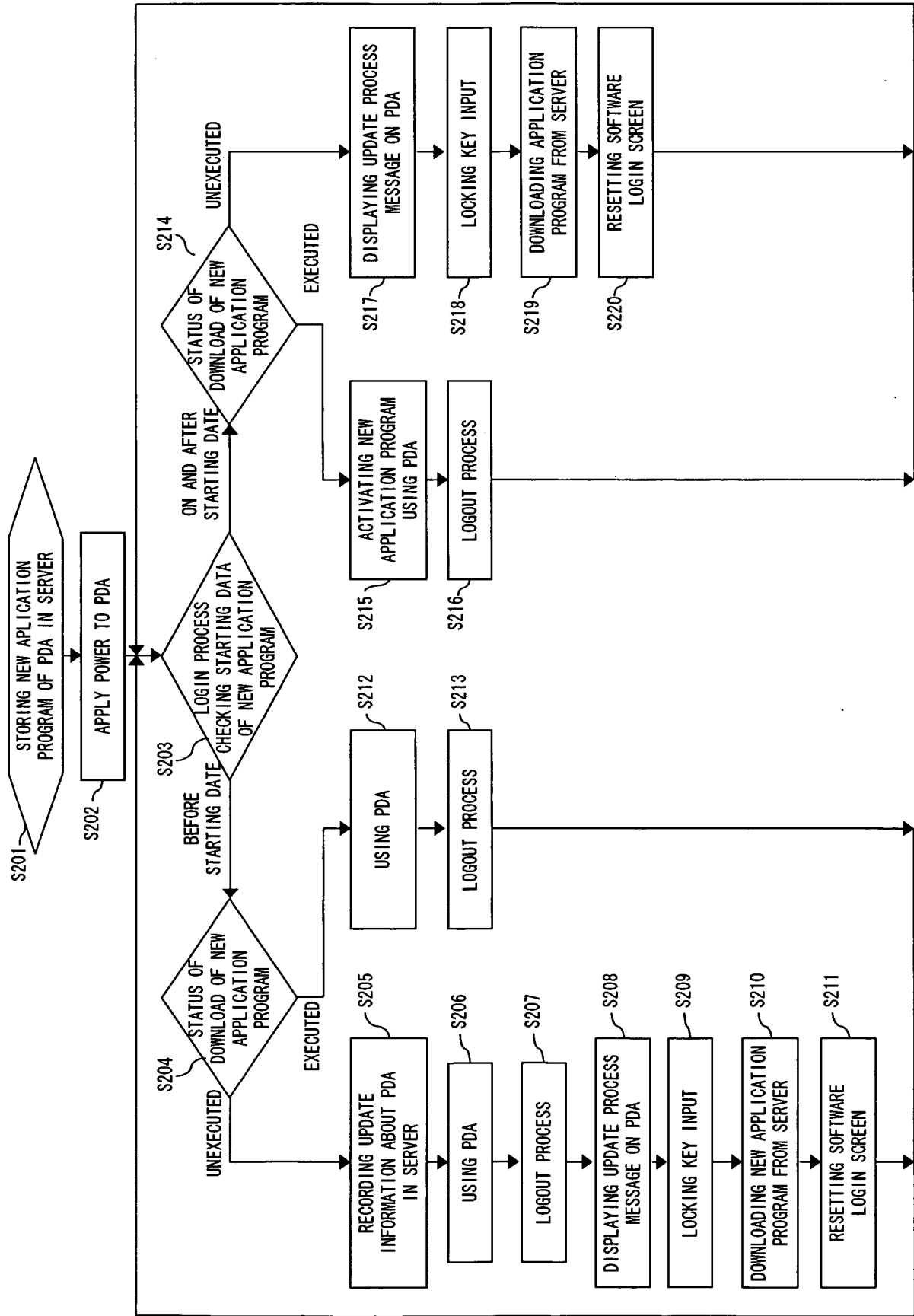


FIG. 40

NEW SOFTWARE IS PREPARED AND  
FETCHED.  
DO NOT TURN OFF POWER, BUT WAIT.

PdaNurseCE.exe (3/4)

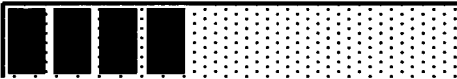


FIG. 41

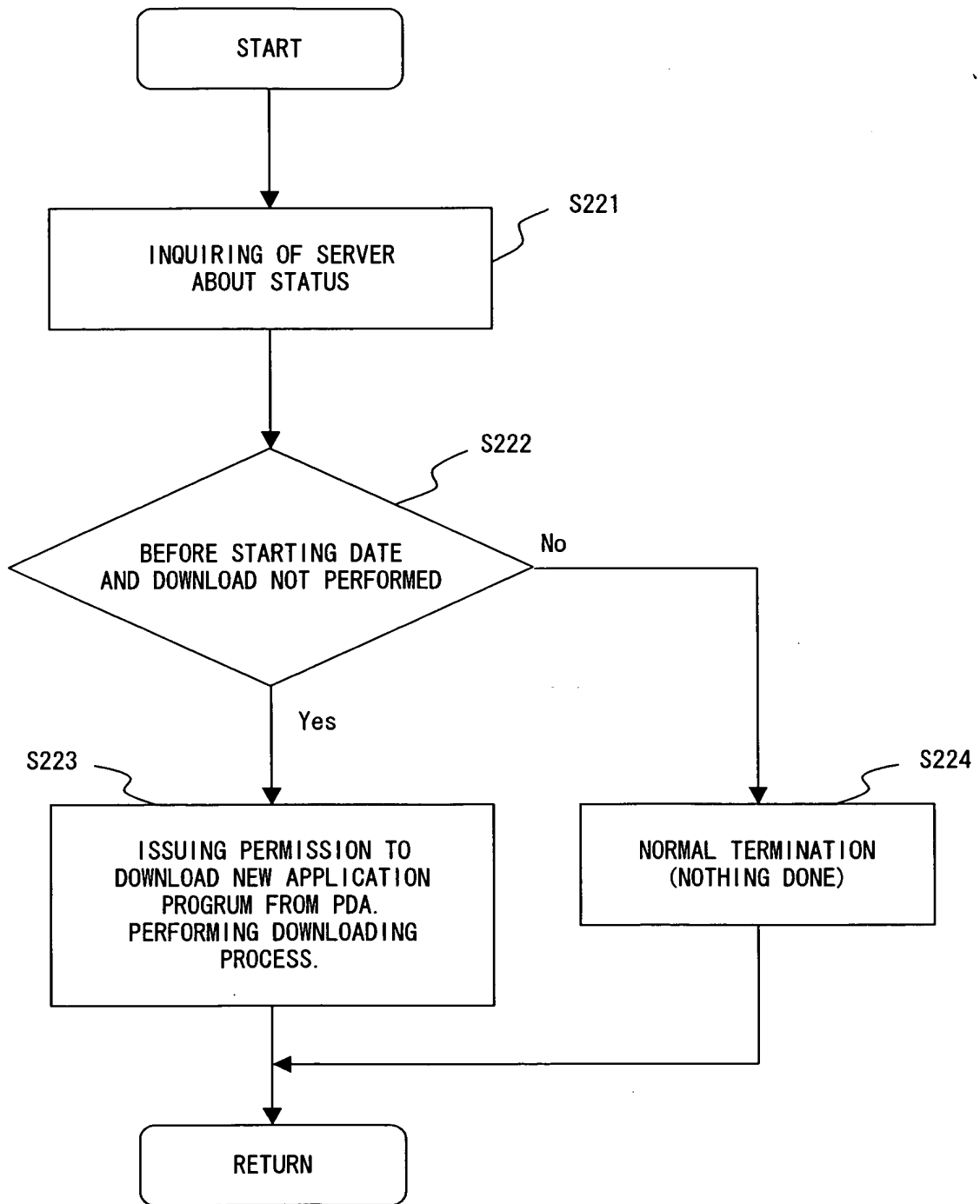


FIG. 42